

(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property
Organization
International Bureau



(43) International Publication Date
18 August 2005 (18.08.2005)

PCT

(10) International Publication Number
WO 2005/074604 A2

(51) International Patent Classification: Not classified

(21) International Application Number:
PCT/US2005/003211

(22) International Filing Date: 3 February 2005 (03.02.2005)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:
60/541,583 3 February 2004 (03.02.2004) US

(71) Applicant (for all designated States except US): DI-
ADEXUS, INC. [US/US]; 343 Oyster Point Boulevard,
South San Francisco, CA 94080 (US).

(72) Inventors; and

(75) Inventors/Applicants (for US only): WOLFERT,
Robert, L. [US/US]; 3582 Arbutus Avenue, Palo Alto,
CA 94303 (US). KIM, Nam [CA/US]; 1187 Doyle Circle,
Santa Clara, CA 95054 (US). DUAN, Xiaozhu [US/US];
208 Galway Bay, Alameda, CA 94502 (US).

(74) Agents: LICATA, Jane, Massey et al.; Licata & Tyrrell
P.C., 66 E. Main Street, Marlton, NJ 08053 (US).

(81) Designated States (unless otherwise indicated, for every
kind of national protection available): AE, AG, AL, AM,
AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN,
CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI,
GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE,
KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD,
MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG,
PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM,
TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM,
ZW.

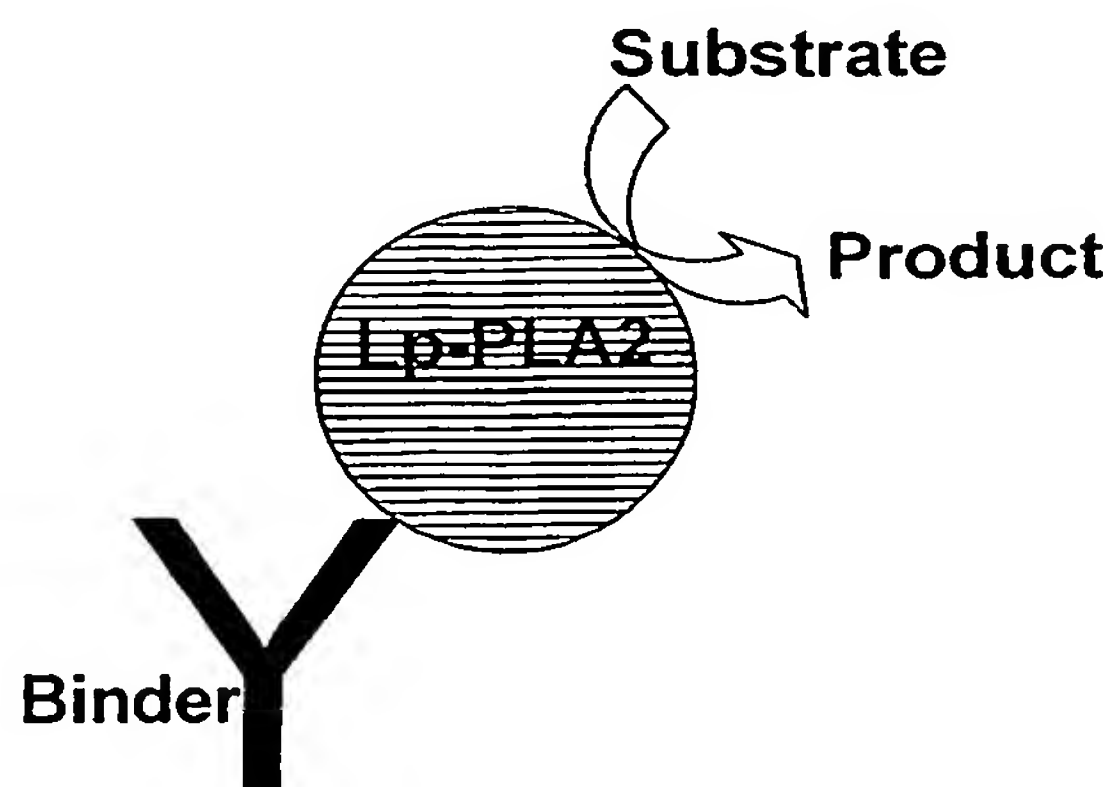
(84) Designated States (unless otherwise indicated, for every
kind of regional protection available): ARIPO (BW, GH,
GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM,
ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM),
European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI,
FR, GB, GR, HU, IE, IS, IT, LT, LU, MC, NL, PL, PT, RO,
SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN,
GQ, GW, ML, MR, NE, SN, TD, TG).

Published:

— without international search report and to be republished
upon receipt of that report

For two-letter codes and other abbreviations, refer to the "Guid-
ance Notes on Codes and Abbreviations" appearing at the begin-
ning of each regular issue of the PCT Gazette.

(54) Title: METHODS OF DETECTING Lp-PLA2 ACTIVITY



(57) Abstract: This invention relates to a method for measuring enzy-
matically active Lipoproteinassociated Phospholipase A2 (Lp-PLA2)
in a sample. Further, this invention relates to a Hybrid Immunocap-
ture method for measuring enzymatically active Lp-PLA2 in a sample.
Specifically, this invention relates to a Hybrid Immunocapture method
for measuring enzymatically active Lp-PLA2 in a sample utilizing an
enzymatically active Lp-PLA2 standard. In addition, this invention re-
lates to a kit for measuring enzymatically active LpPLA2 in a sam-
ple. Specifically, this invention relates to a kit for measuring enzymat-
ically active Lp-PLA2 in a sample containing an enzymatically active
Lp-PLA2 standard.

WO 2005/074604 A2